### (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

## (19) World Intellectual Property Organization International Bureau



# 

(43) International Publication Date 15 January 2004 (15.01.2004)

**PCT** 

(10) International Publication Number WO 2004/006200 A2

(51) International Patent Classification7:

G08B

SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA,

(21) International Application Number:

PCT/NL2003/000496

(22) International Filing Date:

4 July 2003 (04.07.2003)

(25) Filing Language:

Dutch

(26) Publication Language:

English

(30) Priority Data: 1020997

4 July 2002 (04.07.2002)

(71) Applicant (for all designated States except US): LIGHT-SPEED INVENTIONS B.V. [NL/NL]; Zompstraat 12, NL-8102 HX Raalte (NL).

(72) Inventor; and

(75) Inventor/Applicant (for US only): VAN DE VEN, Mathijs, Theodorus, Wilhelmus [NL/NL]; Den Tip 6, NL-5725 CJ Asten-Heusden (NL).

(74) Agent: VAN DEN HEUVEL, Henricus, Theodorus; Patentwerk B.V., P.O. Box 1514, NL-5200 BN 's-Hertogenbosch (NL).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

#### Declarations under Rule 4.17:

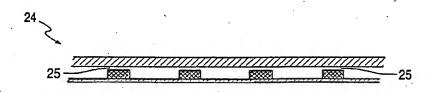
- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations

### Published:

without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: GRIPPING MEANS FOR A SIGNAL LINE AND SIGNAL LINE



(57) Abstract: The invention relates to gripping means for a signal line, which signal line is embodied such that the signal transmitted through the line can be influenced by loads exerted externally on the cable, which gripping means comprise at least one rigid component adapted to grip the sleeve of the signal line, characterized in that the gripping means also comprise a spring element engaging on the rigid component to remove the load of the rigid component from the signal line. The invention also relates to a signal line embodied such that a signal transmitted through the line can be influenced by loads exerted externally on the cable.